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(41)

NEW CLAIMS

1) Store for stocking tubes therein comprising:

- means (4) for feeding tubes (1) into the store,
and means (7) for unloading the tubes (1)
therefrom, the store being located between said
supply means (4) and said unloading means (7);
- a plurality of supports (8) each of which
defines a plane inclined towards said unloading
means (7) and able to receive a plurality of tubes
(1) from said supply means (4): each of said
supports (8) being movable between a stand-by
position where it is empty, a position of transit
of tubes (1) in which it defines an inclined plane
which connects said tube-supplying means (4) to
said tube-unloading means (7), and a stock
position in which it is full up; each of said
supports (8) consisting of a central bar or cross-
piece to which more rods (81) are fixed
orthogonally thereto and the said supports being
connected to each other via two open side chains
(85).

store characterized in that the said side chains
(85) are connected to said bars (80).

2) Store according to claim 1, characterized in
that the movement for disposing said supports (8)
to said stand-by, transit and stock positions is
developed in the vertical direction.

3) Store according to claims 1 and 2,
characterized in that the said transit position is
intermediate between the stand-by and stock
positions.

4) Store according to claims 1-3, characterized in
that in the said stand-by position, the said
supports (8) result below said transit position.

5) Store according to one or more preceding claims, characterized in that, in correspondence of said means (4) for feeding the tubes (1), provision is made for a plurality of fixed chutes (11) oriented towards the store, and in that, in correspondence of said means (7) for unloading the tubes (1), provision is made for a plurality of fixed chutes (12) oriented towards the same means (7) and extending towards the store.

6) Store according to one or more preceding claims, characterized in that it comprises two pairs of uprights (82) which act as guides for said supports (8).

7) Store according to one or more preceding claims, characterized in that it has a variable geometry.